Dr. Ioanna Keklikoglou

Assistant Professor, Department of Biology, University of Crete, Greece

I studied Biology at Aristotle University of Thessaloniki. I completed my postgraduate studies in molecular and cellular biology at the Ruperto-Carola University of Heidelberg and the German Cancer Research Center (DKFZ) where I worked on the identification of novel miRNAs that regulate NF-kB signaling in breast and pancreatic cancer. In 2012, I moved to Lausanne (Switzerland) to join the laboratory of Prof Michele De Palma at the Swiss Federal Institute of Technology (EPFL). During my postdoctoral training I identified extracellular matrix- and vesicle-mediated mechanisms of resistance to anti-angiogenic and cytotoxic therapies, respectively, through alterations in the accumulation and function of tumour-associated myeloid cells. After winning a Barts Charity Rising Stars Fellowship, I moved to London in 2019 to start my lab at Barts Cancer Institute, Queen Mary University of London (UK) within the Centre for Tumour Microenvironment. In 2022, I repatriated to Greece to join the University of Crete as an Assistant Professor. I am a fellow of the Higher Education Academy (UK). My research has been published in high profile journals such as Nature Cell Biology, Cell Reports, Oncogene and others. I have received several grants and awards for my research from national and international sources, such as the Academy of Medical Sciences UK, the Royal Society, the Hellenic Foundation for Research and Innovation and the Beug Foundation for metastasis research. Since 2012, I serve as an ad hoc reviewer for international peerreviewed journals and grant applications such as Breast Cancer Now, Medical Research Council and Worldwide Cancer Research.